

Attachment 6.3

'General Aviation System Plan' Scope of Work

AVIATION TECHNICAL ADVISORY COMMITTEE

April 10, 2003

MEMO

DATE: March 25, 2003

TO: Aviation Technical Advisory Committee

FROM: Alan Thompson, Senior Planner, Aviation and Environmental Planning
(213) 236-1940, Thompson@scag.ca.gov

RE: General Aviation System Plan, Scope of Work

RECOMMENDATION:

Endorse the attached General Aviation Study Scope of Work.

SUMMARY

The study updates the previous General Aviation Study completed in 1996 as well as the general aviation forecasts developed in 2000 by Communicquest Corporation for SCAG. The ultimate goal of this update is to determine potential impacts of the Adopted (Commercial) Aviation Plan, and to examine potential corporate activity at general aviation airports.

The main objective of the study is to provide an update to the 1996 General Aviation System Plan to identify trends and forecast the relative health of General Aviation within the region.

A second objective is to gain a better understanding of corporate aviation within the region and identify potential growth trends

A third objective is to forecast general aviation activity for the airspace analysis.

The final objective is to estimate potential impacts the Adopted (commercial) Aviation Plan could have on corporate and general aviation activity.

BACKGROUND

The Scope of Work is delineated below as a detailed table of contents.

2003 GENERAL AVIATION SYSTEM PLAN SCOPE OF WORK

CHAPTER 1: INTRODUCTION

The SCAG Region

Metropolitan System Planning Process

Study Goals

Definition of general aviation

General Aviation's role in the SCAG region

Role of Corporate Aviation in the SCAG region

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CHAPTER 2: ANALYSIS OF EXISTING GENERAL AVIATION SYSTEM

Regional Setting

SCAG Airport System

Pilots

GIS distribution by Zipcode Concentration

Registered Aircraft Owners

Privately owned, corporate and fractional ownership

Economic Overview

Population Concentrations

Existing Employment Concentration

Per Capita Income

Employment clusters by SIC codes

Entertainment 483, 731, 781, 782, 792

Biotech 283, 384

Computer Hardware and software 357, 737

Aerospace 372, 376

Test and Measurement 381, 382,

Sales

Finance

Real Estate

CHAPTER 3: REGIONAL AIRPORT INVENTORY (by county)

Registered Aircraft Owners

Certified Pilots

Airport Inventory by airport within each county

Historic Activity

Historic Based A/C

Capacity Constraints

Identify airports with corporate jet activity/capability

Planned Capacity Improvements

CHAPTER 4: ANALYSIS OF REGIONAL FACTORS

Regional Growth Forecasts

Population trends/densities

Employment trends/densities

CHAPTER 5: THE 2004 ADOPTED (COMMERCIAL) AVIATION PLAN

Adopted (Commercial) Aviation Plan overview

Impact of (Commercial) Aviation Plan on General Aviation Airports

CHAPTER 6: REGIONAL GENERAL AVIATION FORECASTS

Forecasts by County and Region

Pilots

Based Aircraft

Corporate Aircraft

Operational Activity

CHAPTER 7: ENVIRONMENTAL CONSIDERATIONS

Noise overview

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CHAPTER 8: RECOMMENDATIONS

Potential Capacity Improvements

Identify airports suitable for corporate development

Demographic densities (2030)

Industry clusters by SIC code (2030)

Recommendations

APPENDICES

REFERENCES/CITATIONS